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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/620,605	07/17/2003	Qi Xiang	64965-168	9283
75	7590 06/21/2004		EXAMINER	
McDermott, Will & Emery 600 13th Street, N.W. Washington, DC 20005-3096			CRANE, SARA W	
			ART UNIT	PAPER NUMBER
			2811	

DATE MAILED: 06/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)				
		10/620,605	XIANG, QI				
	Office Action Summary	Examin r	Art Unit				
		Sara W. Crane	2811				
Period fo	Th MAILING DATE of this communication or Reply	n app ars on the cover shet	with the correspond nce ac	dress			
THE - Exte after - If the - If NC - Failt Any	ORTENED STATUTORY PERIOD FOR R MAILING DATE OF THIS COMMUNICATION IN COMMU	ON. FR 1.136(a). In no event, however, mayon. a reply within the statutory minimum of eriod will apply and will expire SIX (6) Notatute, cause the application to become	y a reply be timely filed thirty (30) days will be considered time #IONTHS from the mailing date of this of BABANDONED (35 U.S.C.§ 133).	ely. communication.			
Status							
1) 🔀	Responsive to communication(s) filed on	07 April 2004.					
′—	· ' - '	This action is non-final.					
3)□	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposit	ion of Claims						
5)□	Claim(s) 10-20 is/are pending in the application of the above claim(s) is/are with Claim(s) is/are allowed. Claim(s) 10-20 is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction as	hdrawn from consideration.					
Applicat	ion Papers						
9)□	The specification is objected to by the Exa	miner.					
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.							
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
11)□	Replacement drawing sheet(s) including the contract the oath or declaration is objected to by the contract to						
Priority	under 35 U.S.C. § 119						
a)	Acknowledgment is made of a claim for fo All b) Some * c) None of: 1. Certified copies of the priority docu 2. Certified copies of the priority docu 3. Copies of the certified copies of the application from the International B See the attached detailed Office action for	ments have been received. ments have been received i priority documents have be ureau (PCT Rule 17.2(a)).	n Application No een received in this Nationa	ıl Stage			
Attachmer	nt(s) ce of References Cited (PTO-892)	A) Intensis	ew Summary (PTO-413)				
	ce of References Cited (F10-692) ce of Draftsperson's Patent Drawing Review (PT0-94	8) Paper	No(s)/Mail Date				
3) X Infor	mation Disclosure Statement(s) (PTO-1449 or PTO/S er No(s)/Mail Date 7/17/03		of Informal Patent Application (PT	O-152)			

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DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 10-20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Independent claim 10 recites at line 3 that the substrate comprises "first regions" (in the plural). Line 5 discusses removing silicon "only in the first region" (in the singular). Claims 11, 12, and 13 also refer to "the" first region. The claim language presumably describes a substrate having a plurality of "first regions," where, for example as in claim 11, all of the first regions would be implanted with p-type dopant. But one cannot determine whether the claim requires *all* such regions to have selectively removed silicon (as in claim 1). Perhaps "the first region" references all first regions collectively. But one could possibly read the phrase "the first region" as referring to only one of a plurality of first regions. So the claim language is unclear.

Yeo et al. and Fitzgerald address FETs having silicon overlying SiGe. The other two references are the parent of this case, and a co-pending case having the same inventor.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to S. Crane, whose telephone number is (571) 272-1652.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist, whose telephone number is (571) 272-1562.

Sara W. Crane
Primary Examiner
Art Unit 2811